

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-7. (Cancelled)

8. (Currently Amended) An article comprising:

a first substrate having a surface; and

a second substrate having a surface,

wherein the surface of the first substrate contacts the surface of the second substrate, and

wherein each of the first and second substrates independently comprise a matrix material selected from a metal, a glass, an organic-inorganic composite, a fluoropolymer, and a non-fluorinated polymer with the proviso that at least one of the first substrate and the second substrate is a fluoropolymer that forms a mixture with a bonding composition, wherein the bonding composition includes a light-absorbing compound that absorbs light between 200 nm and 400 nm, and an electron donor that is distinct from the light absorbing compound, such that when the bonding composition is exposed to actinic radiation of a wavelength that is absorbed by the light-absorbing compound, free radicals are generated at the interface of the first and second substrates thereby enhancing the bonding of the first substrate to the second substrate, further
~~The article of claim 6, wherein the amine electron donor is an alkylamine.~~

9. (Previously Presented) The article of claim 8, wherein the alkylamine is a fluoroalkylamine.

10. (Currently Amended) An article comprising:

a first substrate having a surface; and

a second substrate having a surface.

wherein the surface of the first substrate contacts the surface of the second substrate, and

wherein each of the first and second substrates independently comprise a matrix material selected from a metal, a glass, an organic-inorganic composite, a fluoropolymer, and a non-fluorinated polymer with the proviso that at least one of the first substrate and the second substrate is a fluoropolymer that forms a mixture with a bonding composition, wherein the bonding composition includes a light-absorbing compound that absorbs light between 200 nm and 400 nm, and an electron donor that is distinct from the light absorbing compound, such that when the bonding composition is exposed to actinic radiation of a wavelength that is absorbed by the light-absorbing compound, free radicals are generated at the interface of the first and second substrates thereby enhancing the bonding of the first substrate to the second substrate, further
The article of claim 6, wherein the amine electron donor is an amino-substituted organosilane having a hydrolyzable substituent.

11. (Cancelled)

12. (Currently Amended) The article of claim [[21]] 8, wherein the fluoropolymer is a perfluorinated polymer.

13. (Currently Amended) The article of claim [[21]] 8, wherein the fluoropolymer is a partially fluorinated polymer.

14. (Cancelled)

15. (Currently Amended) The article of claim [[21]] 8, wherein the second substrate is selected from the group consisting of a metal and a glass.

16. (Cancelled)

17. (Currently Amended) The article of claim [[21]] 8, wherein the second substrate includes a non-fluorinated polymer.

18-21. (Cancelled)

22. (New) The article of claim 10, wherein the fluoropolymer is a perfluorinated polymer.

23. (New) The article of claim 10, wherein the fluoropolymer is a partially fluorinated polymer.

24. (New) The article of claim 10, wherein the second substrate is selected from the group consisting of a metal and a glass.

25. (New) The article of claim 10, wherein the second substrate includes a non-fluorinated polymer.